

IN THE ABSTRACT:

Please replace the abstract with the following:

B²

--A method is provided for producing a grid structure using an extrusion process. In order to extrude a layered structure exhibiting a high aspect ratio, a multiplication die is used. Such a method is also suited to manufacture X-ray scatter grids, which include X-ray absorbing and X-ray transmitting regions. The X-ray scatter grid is designed to be used in an X-ray examination apparatus.--

IN THE CLAIMS:

Please amend Claims 1 and 6 as follows:

B³
Sub
C1

1. (Amended) A method of manufacturing a grid structure with regions exhibiting different properties, wherein the method comprises the steps of:

extruding material strips exhibiting different properties so as to form the regions of said grid structure; and

allowing at least one of the extruded material strips to expand in at least one direction such that at least one dimension of the at least one of the extruded material strips prior to extrusion is restored.

B⁴

6. (Amended) An examination apparatus (1) for irradiating an object (4) by means of X-rays (3), the examination apparatus (1) comprising an X-ray source (2), an X-ray detector (8), a receiving space (5) for the object (4) to be irradiated, arranged between the X-ray source (2) and the X-ray detector (8) and an X-ray scatter grid (6) with successive regions of different X-ray absorptivity (3), said X-ray scatter grid to be